

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/561,108
Source: IFWP
Date Processed by STIC: 6/5/06

ENTERED



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/561,108

DATE: 06/05/2006
TIME: 12:57:56

Input Set: F:\UCSD-0019.ST25.txt
Output Set: N:\CRF4\06052006\J561108.raw

3 <110> APPLICANT: Burkart, Michael D.
4 LaClair, James J.
6 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR ANALYSIS AND MANIPULATION OF
ENZYME
7 IN BIOSYNTHETIC PROTEOMES
9 <130> FILE REFERENCE: UCSD-0019
11 <140> CURRENT APPLICATION NUMBER: 10/561,108
C--> 12 <141> CURRENT FILING DATE: 2005-12-15
14 <150> PRIOR APPLICATION NUMBER: PCT/US2004/019568
15 <151> PRIOR FILING DATE: 2004-06-17
17 <150> PRIOR APPLICATION NUMBER: US 60/479,344
18 <151> PRIOR FILING DATE: 2003-06-17
20 <160> NUMBER OF SEQ ID NOS: 2
22 <170> SOFTWARE: PatentIn version 3.3
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 16
26 <212> TYPE: PRT
27 <213> ORGANISM: Artificial Sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: Synthetic Construct
33 <220> FEATURE:
34 <221> NAME/KEY: MISC_FEATURE
35 <222> LOCATION: (1)..(1)
36 <223> OTHER INFORMATION: Xaa = Asp or Glu or Gln or Gly or Ser or Thr or Ala or Leu or
Met
37 or Lys or Arg or His
39 <220> FEATURE:
40 <221> NAME/KEY: MISC_FEATURE
41 <222> LOCATION: (2)..(2)
42 <223> OTHER INFORMATION: Xaa = Leu or Ile or Val or Met or Phe or Tyr or Ser or Thr or
Ala
43 or Cys
45 <220> FEATURE:
46 <221> NAME/KEY: MISC_FEATURE
47 <222> LOCATION: (3)..(3)
48 <223> OTHER INFORMATION: Xaa = Gly or Asn or Gln
50 <220> FEATURE:
51 <221> NAME/KEY: MISC_FEATURE
52 <222> LOCATION: (4)..(4)
53 <223> OTHER INFORMATION: Xaa = Leu or Ile or Val or Met or Phe or Tyr or Ala or Gly
55 <220> FEATURE:
56 <221> NAME/KEY: MISC_FEATURE
57 <222> LOCATION: (5)..(5)
58 <223> OTHER INFORMATION: Xaa = Asp or Asn or Glu or Lys or His or Ser

60 <220> FEATURE:
61 <221> NAME/KEY: MISC_FEATURE

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62 <222> LOCATION: (7)..(7)
 63 <223> OTHER INFORMATION: Xaa = Leu or Ile or Val or Met or Ser or Thr
 65 <220> FEATURE:
 66 <221> NAME/KEY: MISC_FEATURE
 67 <222> LOCATION: (8)..(8)
 68 <223> OTHER INFORMATION: Xaa = any amino acid except Pro or Cys or Phe or Tyr
 70 <220> FEATURE:
 71 <221> NAME/KEY: MISC_FEATURE
 72 <222> LOCATION: (9)..(9)
 73 <223> OTHER INFORMATION: Xaa = Ser or Thr or Ala or Gly or Cys or Pro or Gln or Leu or
 Ile
 74 or Val or Met or Phe
 76 <220> FEATURE:
 77 <221> NAME/KEY: MISC_FEATURE
 78 <222> LOCATION: (10)..(10)
 79 <223> OTHER INFORMATION: Xaa = Leu or Ile or Val or Met or Ala or Thr or Asn
 81 <220> FEATURE:
 82 <221> NAME/KEY: MISC_FEATURE
 83 <222> LOCATION: (11)..(11)
 84 <223> OTHER INFORMATION: Xaa = Asp or Glu or Asn or Gln or Gly or Thr or Ala or Lys or
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 85 or His or Leu or Met
 87 <220> FEATURE:
 88 <221> NAME/KEY: MISC_FEATURE
 89 <222> LOCATION: (12)..(12)
 90 <223> OTHER INFORMATION: Xaa = Leu or Ile or Val or Met or Trp or Ser or Thr or Ala
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 94 <222> LOCATION: (13)..(13)
 95 <223> OTHER INFORMATION: Xaa = Leu or Ile or Val or Gly or Ser or Thr or Ala or Cys or
 Arg
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 98 <221> NAME/KEY: MISC_FEATURE
 99 <222> LOCATION: (14)..(15)
 100 <223> OTHER INFORMATION: Xaa can be any amino acid
 102 <220> FEATURE:
 103 <221> NAME/KEY: MISC_FEATURE
 104 <222> LOCATION: (16)..(16)
 105 <223> OTHER INFORMATION: Xaa = Leu or Ile or Val or Met or Phe or Ala
 107 <400> SEQUENCE: 1
 W--> 109 Xaa Xaa Xaa Xaa Xaa Ser Xaa
 110 1 5 10 15
 113 <210> SEQ ID NO: 2
 114 <211> LENGTH: 10
 115 <212> TYPE: PRT
 116 <213> ORGANISM: Artificial Sequence
 118 <220> FEATURE:
 119 <223> OTHER INFORMATION: Synthetic construct
 121 <400> SEQUENCE: 2
 123 Met Ala Ile Pro Lys Ile Ala Ser Tyr Pro
 124 1 5 10

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16

VERIFICATION SUMMARY

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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0